

MATERIAL HANDLING



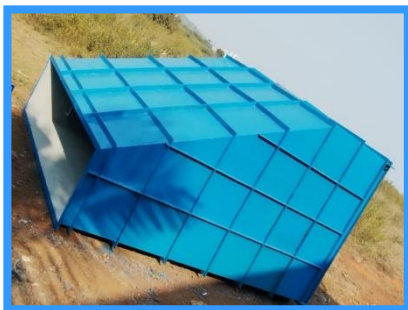
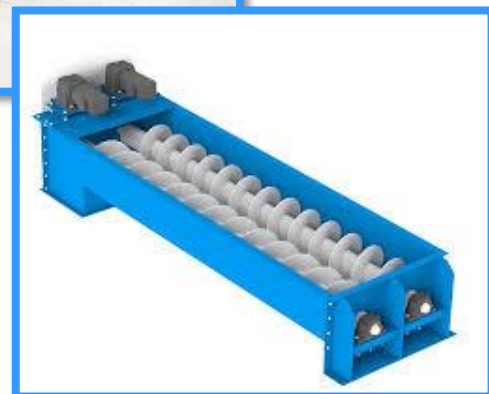
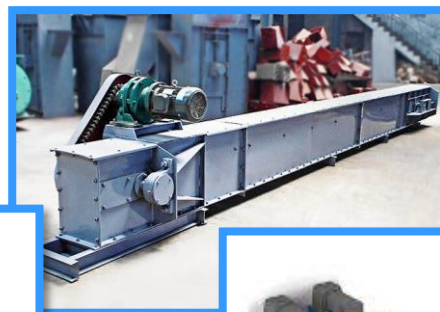
MATERIAL HANDLING SYSTEM, EQUIPMENTS & SERVICES



ONE STEP FOR MATERIAL HANDLING SYSTEM EQUIPMENT

OUR MISSION...

Providing the
"Complete Conveyor Technology"
to Material Handling Industry
with Productive, Safe and Reliable.



RUGVED CON-TECH SOLUTION LLP

We RUGVED is known as an expert in design, manufacturing, erection & commissioning of Material Handling Equipment's and Systems for Boiler Fuel and Ash Handling Systems in various industries like, Food Process, Biomass, Chemical, Sugar, Grain, Cement, Steel, Coal Washeries, Mining and Paper industries across the globe.

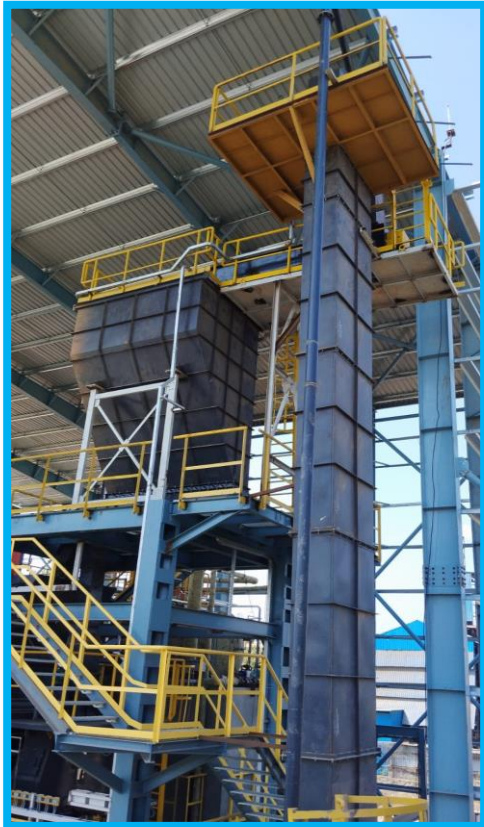
Our major products are Belt Conveyor, Bucket elevator, Slat Chain Conveyor, Screw Conveyor, Special Screw Conveyor, Twin screw conveyors, Screw Feeder, Submerge Ash Conveyor, Rotary Air Lock Valve, Rotary Feeder, Crusher & Screen, Reciprocating Slide gate, Storage tanks.

We develop design conveyors and systems which are most productive, safe & reliable to the customer which includes, Project Management, Know-how consulting, Feasibility study, Machine start-up, training, Modernization and after sales service.

We Commit our customers to increase production and reduce operating costs with our "Complete Conveyor Solutions".



RUGVED CON-TECH SOLUTION LLP...



MATERIAL HANDLING SYSTEM & PRODUCT RANGE:

- Fuel & Ash Handling Systems
- Material Handling Systems
- Belt Conveyors: Regular/Cleated/Feeder
- Bucket Elevators: Vertical/Inclined
- Chain Conveyors: Slat/Drag/Forged Chain
- Screw Conveyor: Tubular/Twin/Jacketed
- Submerge Ash belt conveyor
- Wet Scraper for bed ash-Forged Chain
- Crusher: Impactor/Hammer Mill/Roll
- Vibrating Screen: linear/circular
- Vibro Feeder: Electric/Electromagnetic
- Idler roller and pulleys & all spares
- Coal and agro waste spreader.
- Bunkers/Silo/Hopper
- Lump/Clinker Breaker
- Control Gate/ Diverter Gate



1. BELT CONVEYOR: Belt conveyors are one of the most important flexible, maintenance free material handling equipment used to carry a wide variety of materials for a longer distance and high capacity. Their profile may be inclined, horizontal and decline. We design and manufacture belt conveyors having belt width ranging from 400 mm to 2000mm for various capacities.

2.SCREW CONVEYOR: Screw conveyors are used to carry fuel horizontal, incline and in vertical direction. We also designed & manufactured water jacketed screw conveyor which carries high temperature material like grate ash.

3.SCREW FEEDER: Screw Feeder is used for control feeding of the fuel. We manufacture the screw feeder as per required specific capacity and specific requirement.

4.BUCKET ELEVATOR: These are used to carry fuel in vertical direction. We manufacture Centrifugal Discharge Type bucket elevator which are available in various sizes and capacity.

5.COAL SPREADER: Coal spreader is available in two standard sizes having capacity of 3 TPH & 6 TPH. The spreading capacity of coal spreaders varies from 3 meters to 5 meters and the same is adjustable according to the requirement and length of furnace.

6.Chain Conveyor: Chain conveyors are used to move products along assembly lines and around manufacturing facilities. They can be used to transport heavy loads like pallets, grid boxes, and industrial containers.

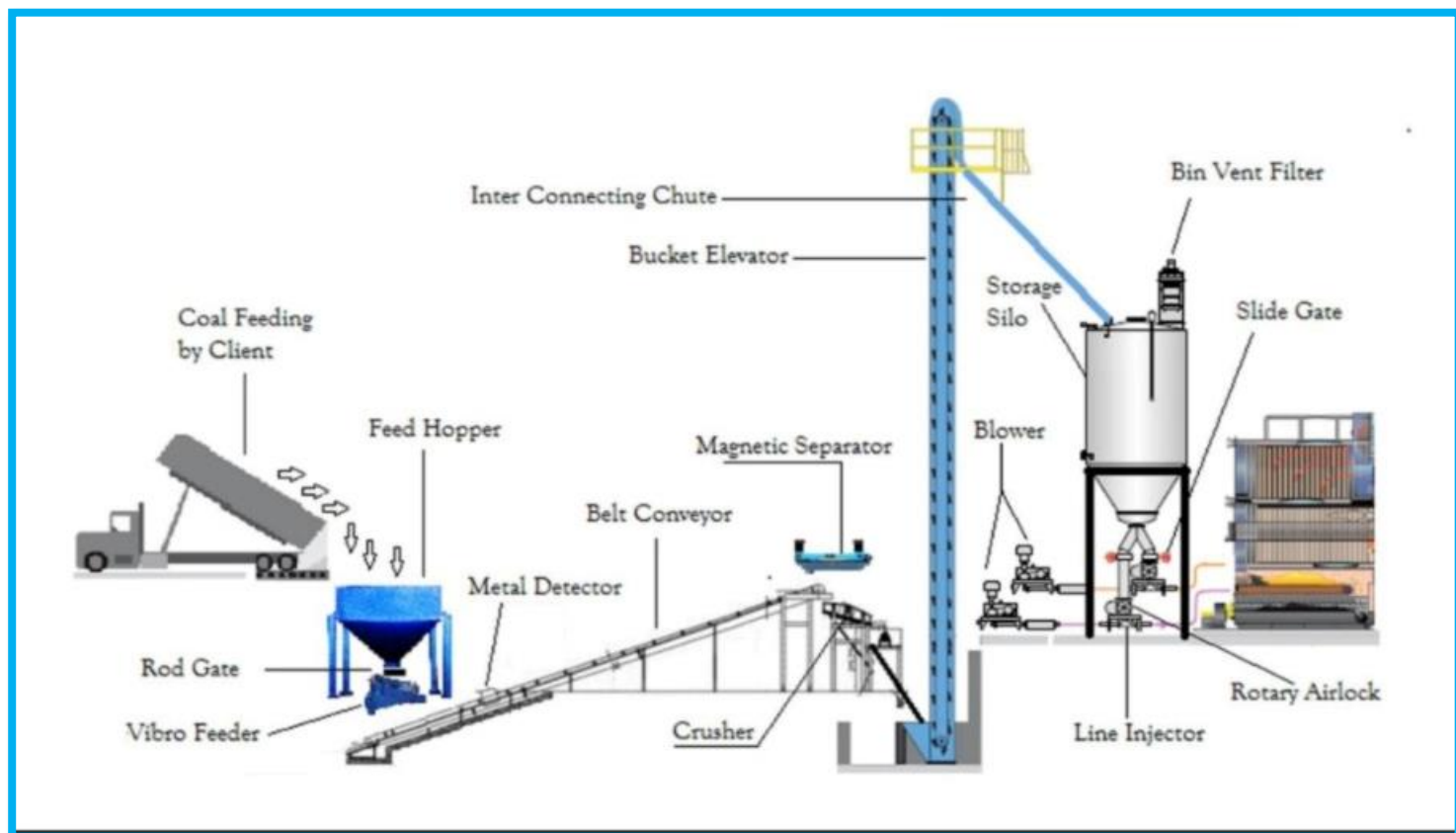
7.ROTARY AIR LOCK VALVE / FEEDER: RALV's are available in various sizes; from 6 inch to 16 inch with square and round inlet/ outlet. The valve bodies are either fabricated or casted. RALV's are also available for high temperature application.

8.SUBMERGED BELT CONVEYOR: Submerged belt conveyors are used to carry high temperature ash from boiler grate, having temperature up to 650° C. SBC are available in belt width 500 mm to 1200mm and lengths as per site requirement.

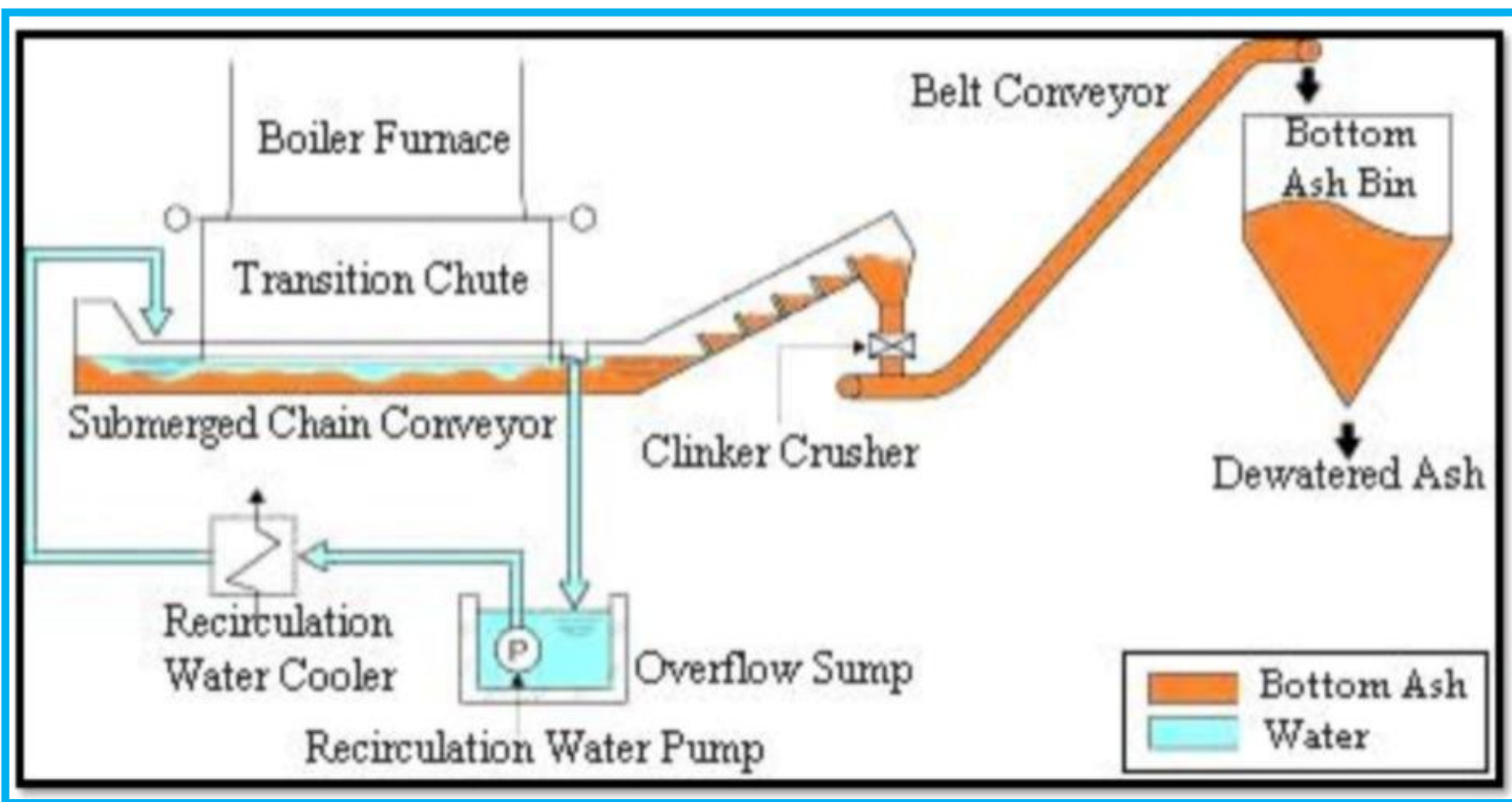
FUEL HANDLING SYSTEM



FUEL HANDLING SYSTEM LAYOUT



ASH HANDLING SYSTEM

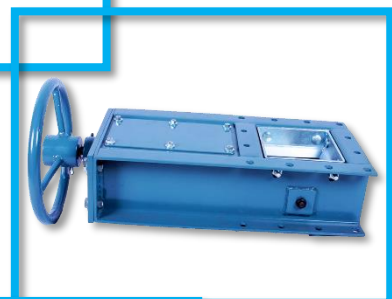


SUBMURGE BELT CONVEYOR



Product Applications:

- Power Plants, Boiler Fuel Feeding & Handling
- Agro waste Feeding & Handling
- Grain based Distilleries
- Iron Ore & Coal Mining
- Food Process Industries
- Chemical Industries
- Automobile Industries
- Paper and Pulp Industries
- Ash Handling
- Steel Plants
- Cement Plants
- Coal Washeries
- Sugar Plants



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